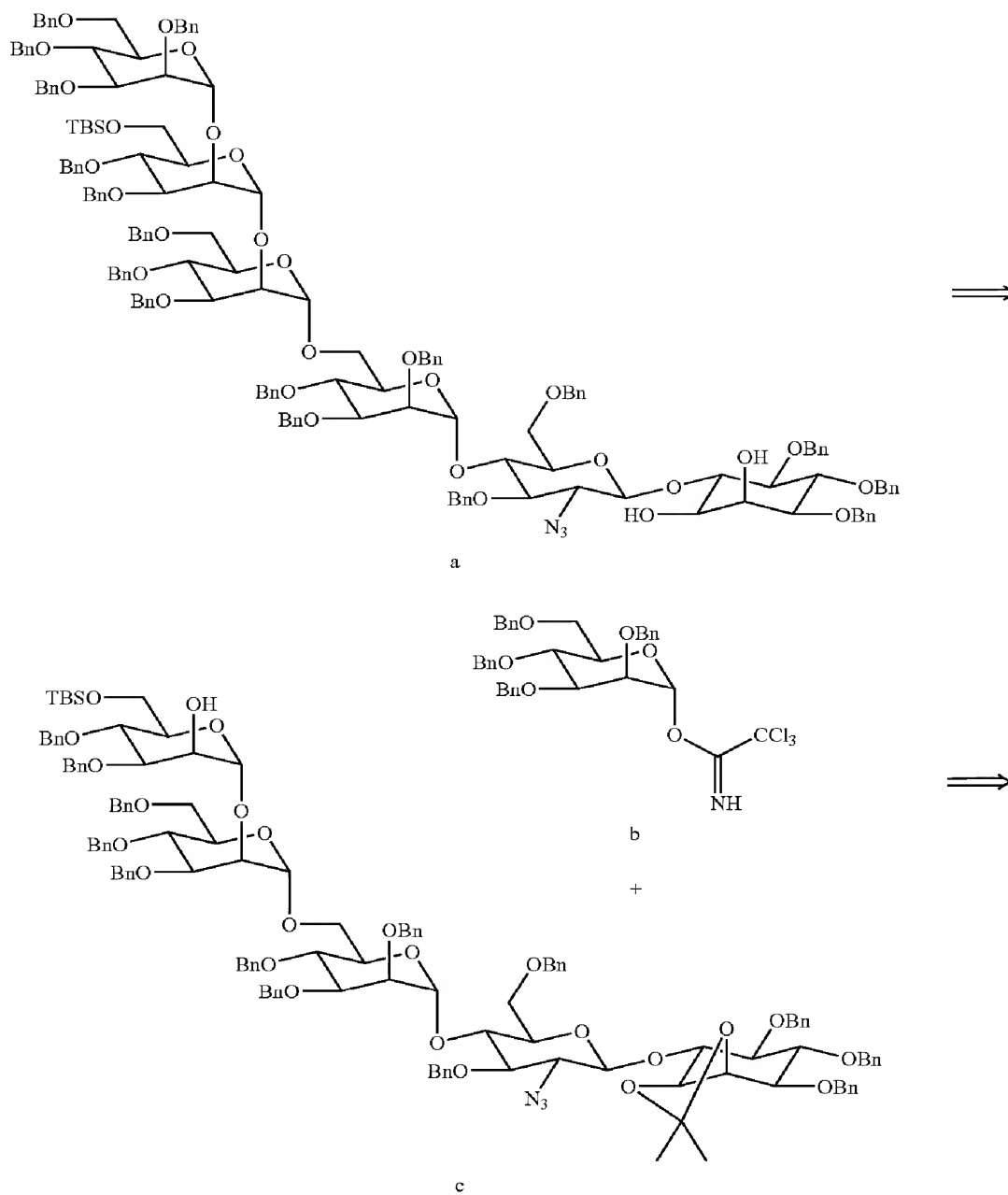


**NEW SHEET**

**Figure 1A**

Muller *et al. Biochem.* **1998**, 37, 13421

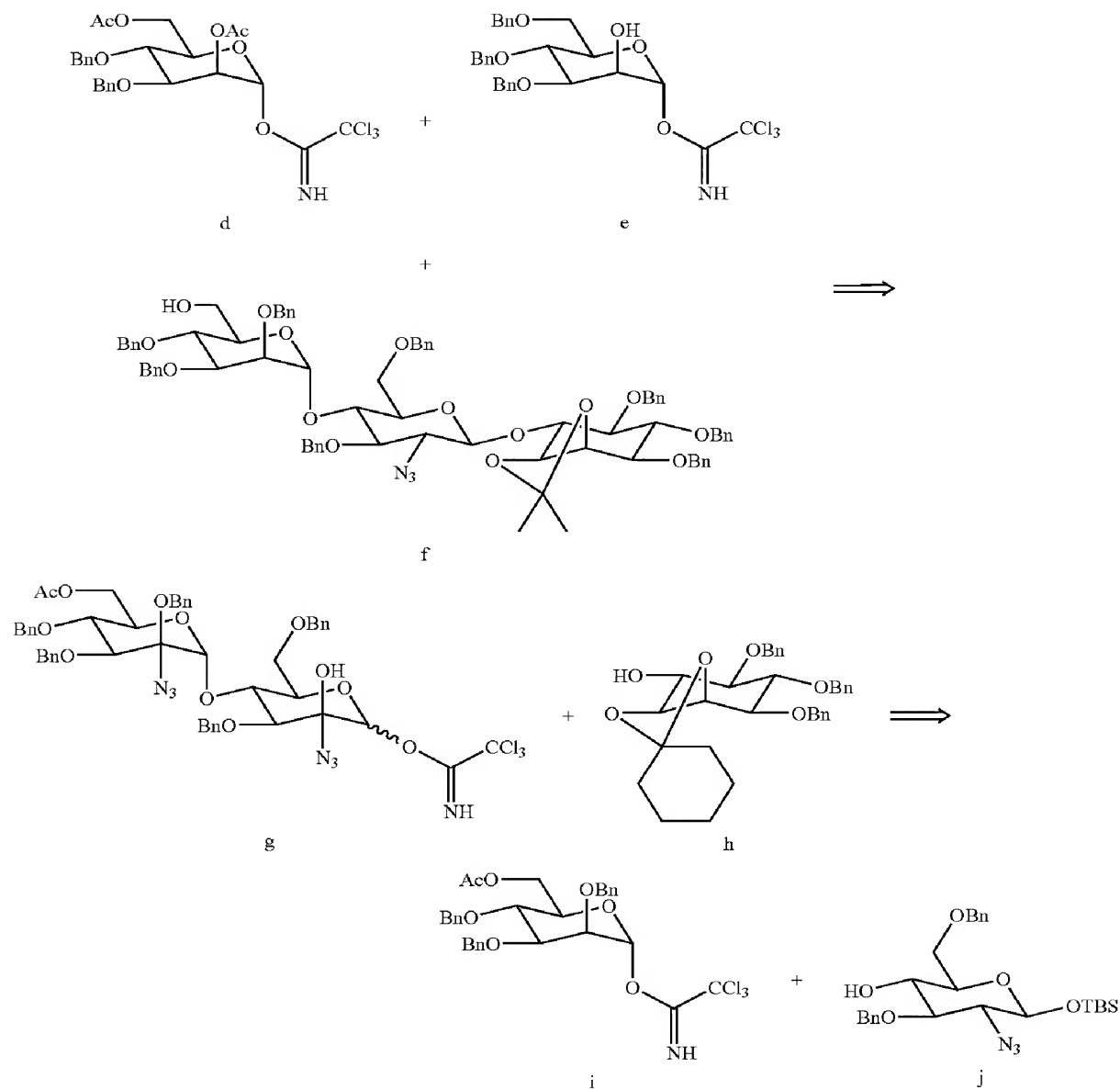


(continued in Figure 1B)

**NEW SHEET**

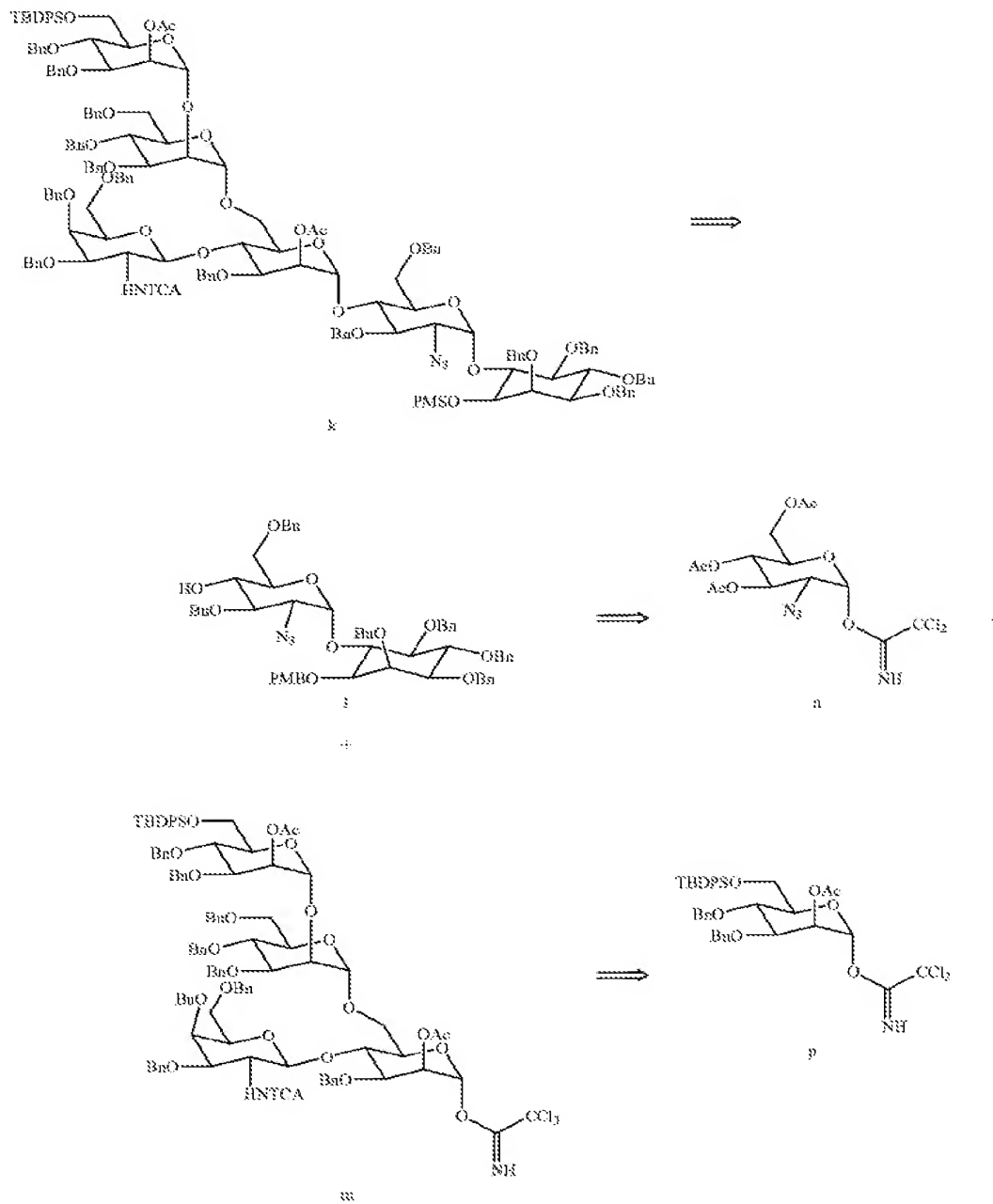
**Figure 1B**

(continued from Figure 1A)



**NEW SHEET**

**Figure 2A**

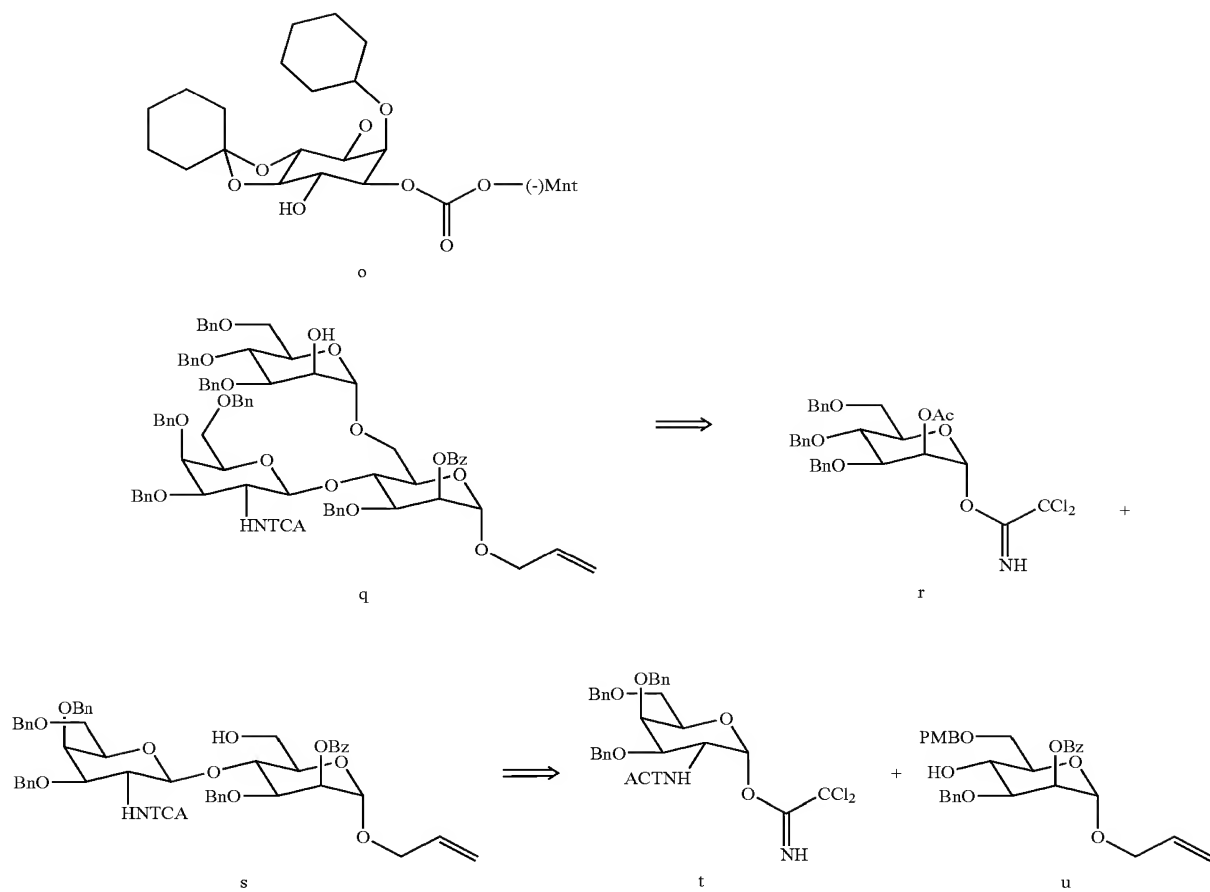
Schmidt *et al.* *J. Org. Chem.* **2001**, *66*, 7432

(continued in Figure 2B)

**NEW SHEET**

**Figure 2B**

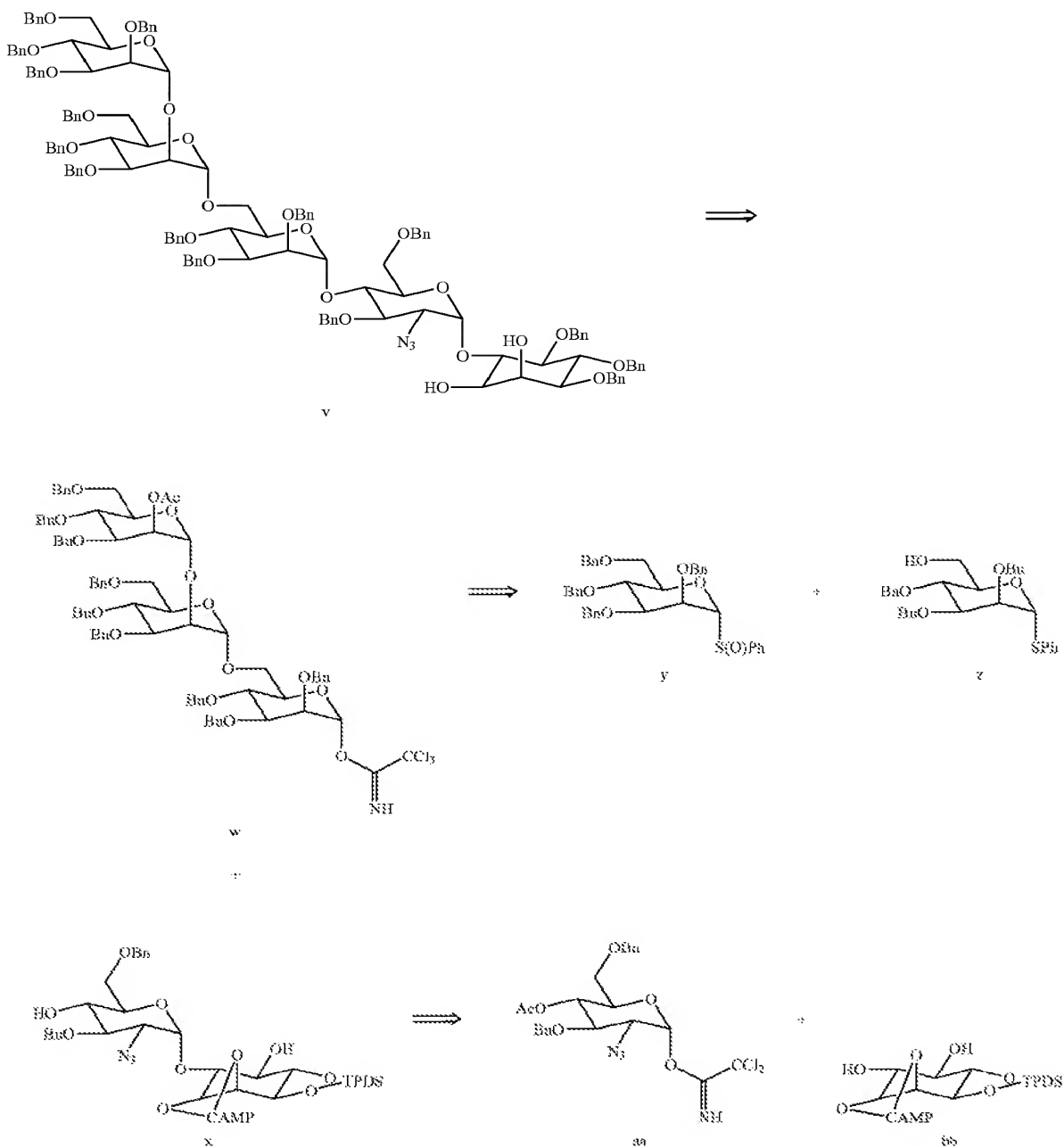
(continued from Figure 2A)



# NEW SHEET

**Figure 3**

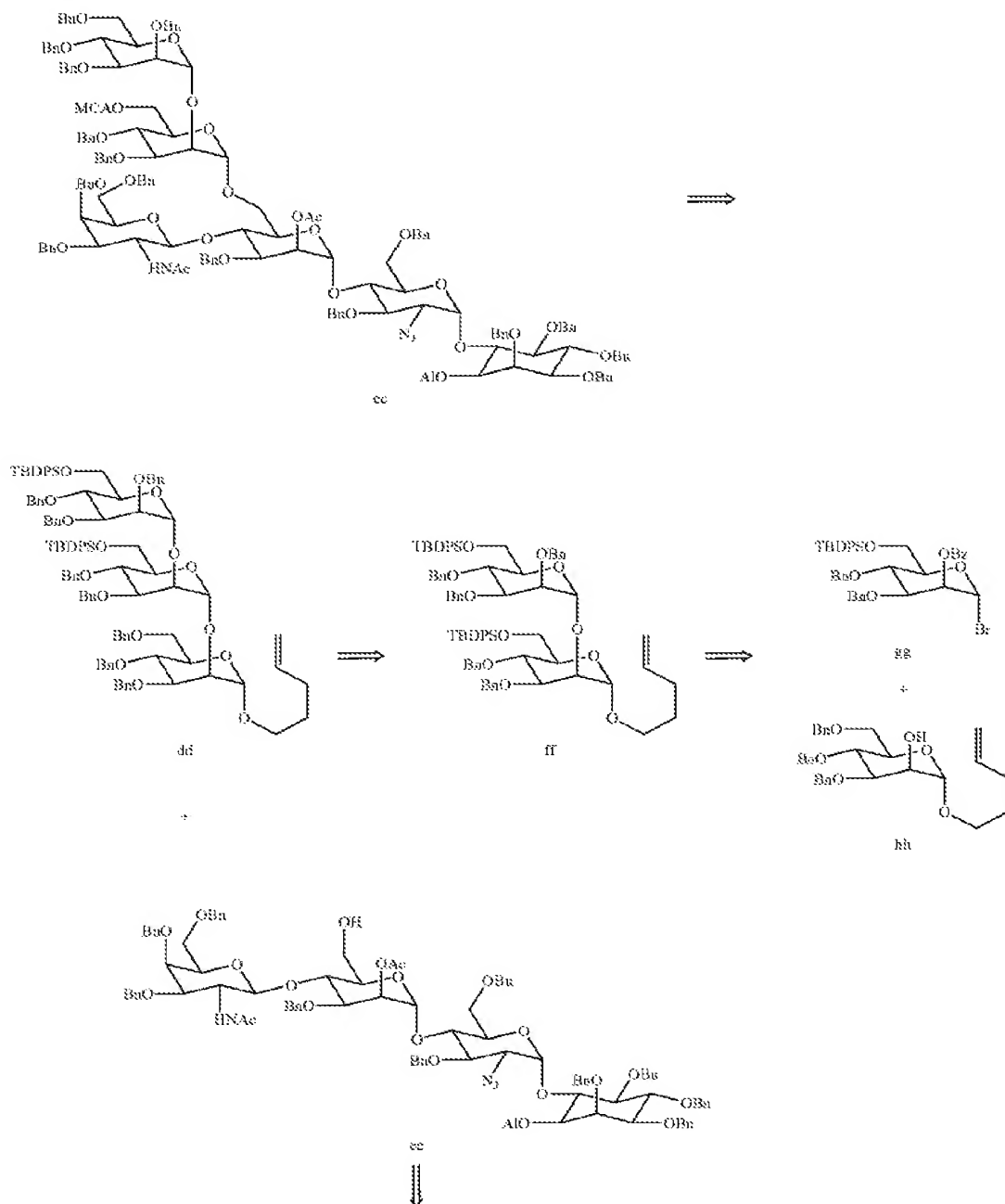
Martin-Lomas *et al. Chem. Eur. J.* **2002**, *6*, 3608



## NEW SHEET

**Figure 4A**

Fraser-Reid *et al.* *J. Am. Chem. Soc.* **1993**, *115*, 7886; *J. Am. Chem. Soc.* **1995**, *117*, 1554; *J. Am. Chem. Soc.* **1995**, *117*, 10387.

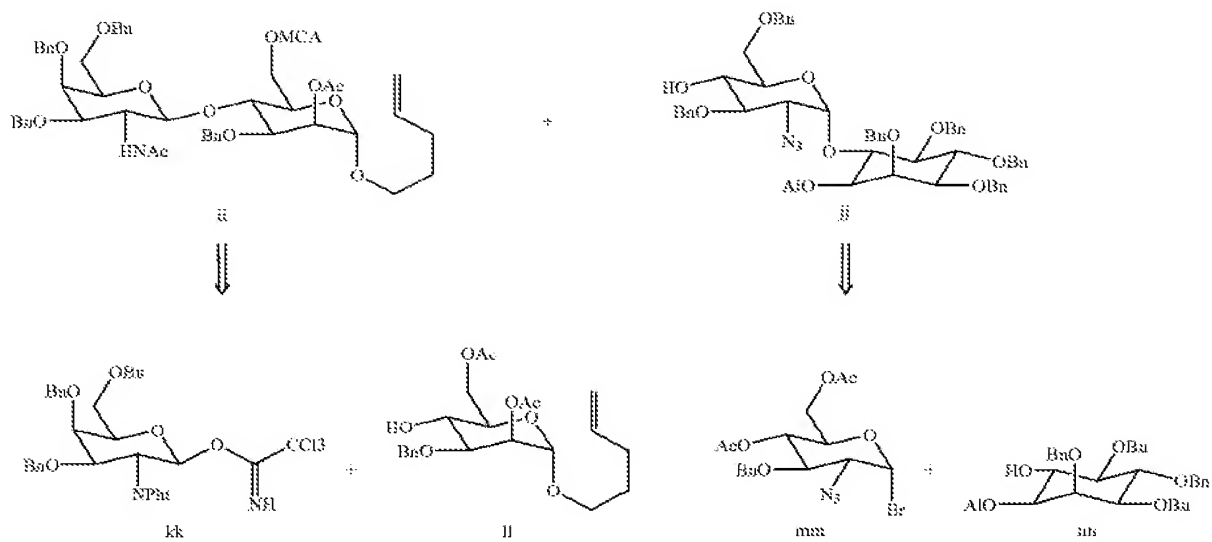


(continued in Figure 4B)

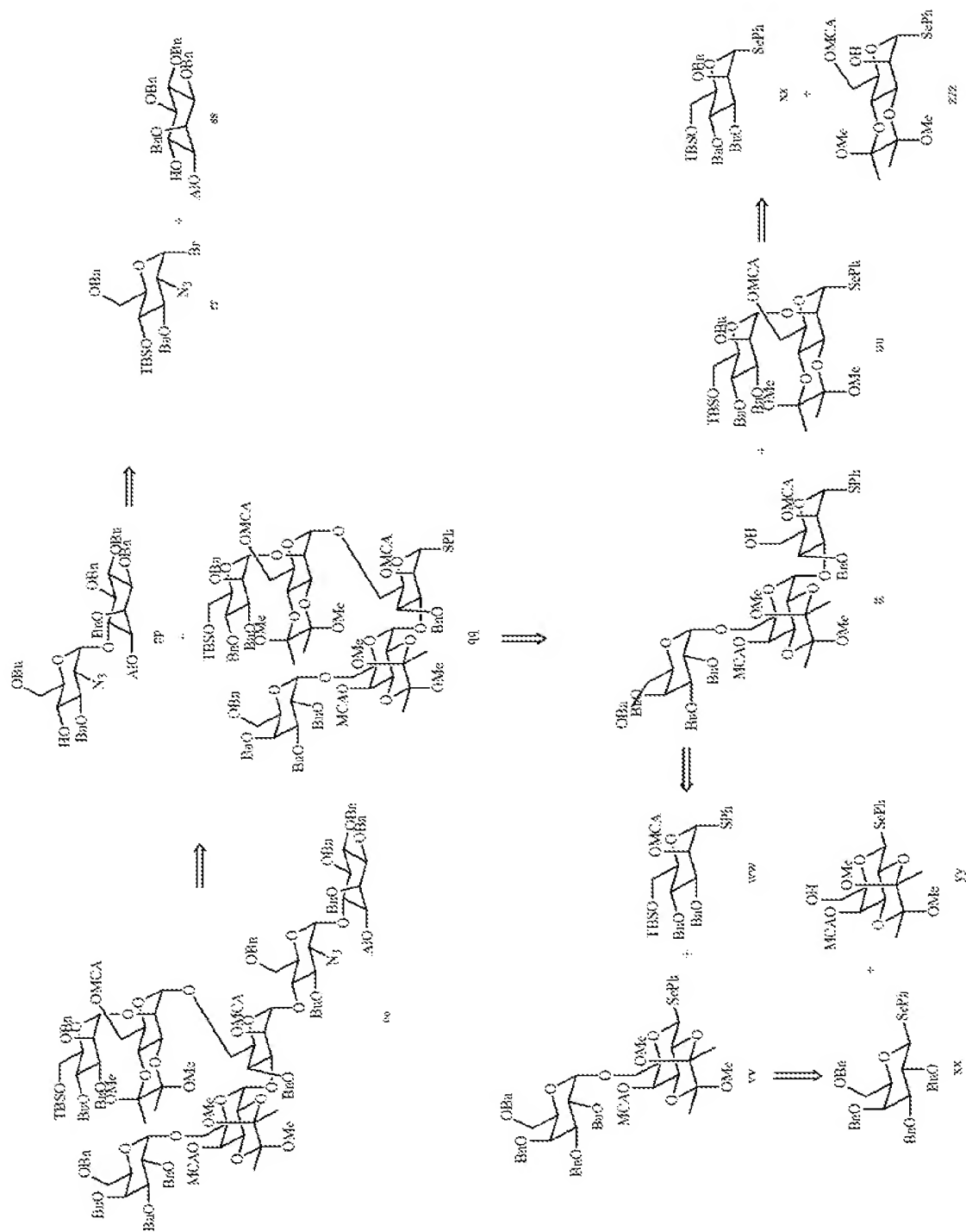
**NEW SHEET**

**Figure 4B**

(continued from Figure 4A)



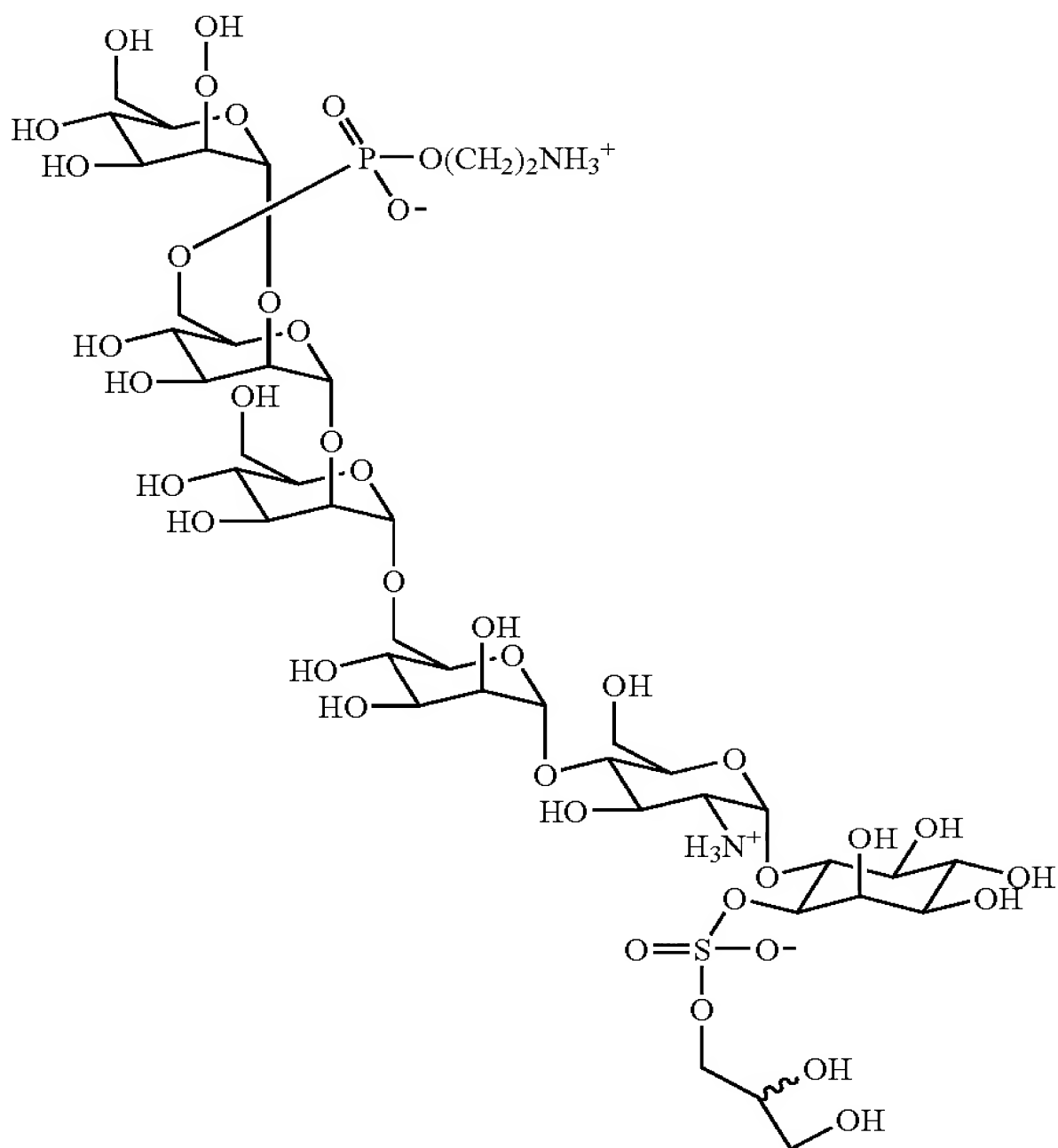
### Figure 5

Lay et al. *Chem. Eur. J.* **2000**, *6*, 172



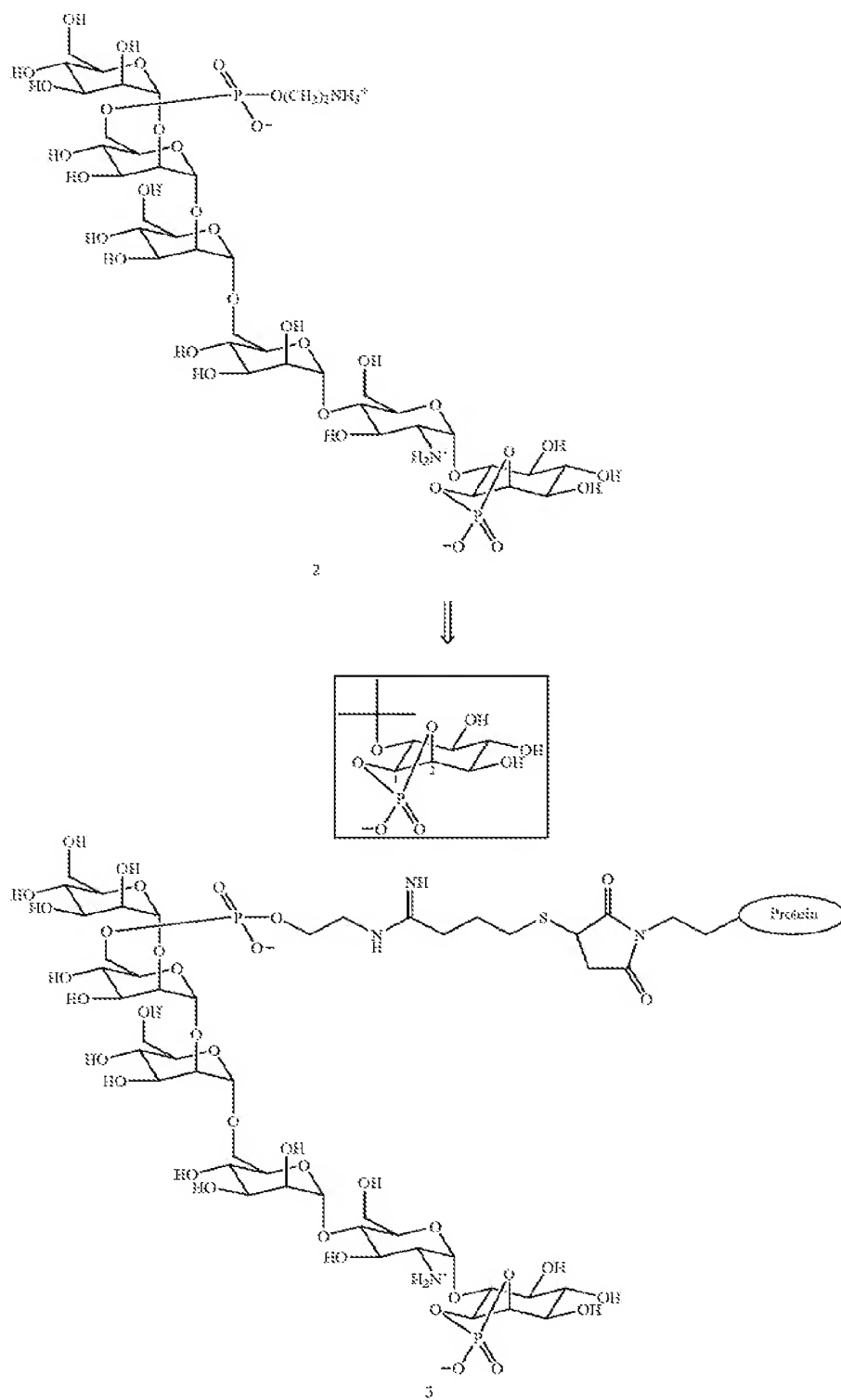
NEW SHEET

Figure 6



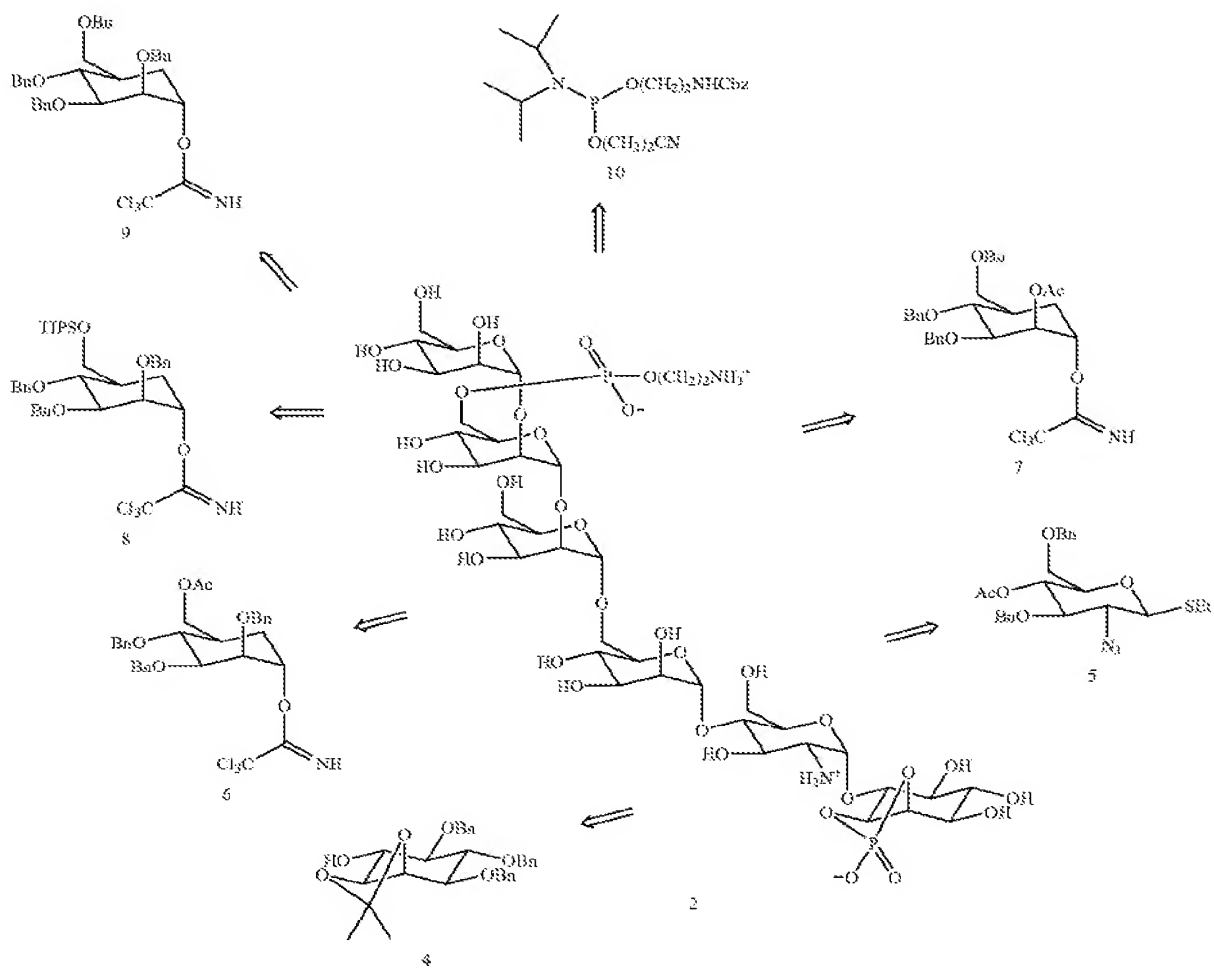
# NEW SHEET

**Figure 7**



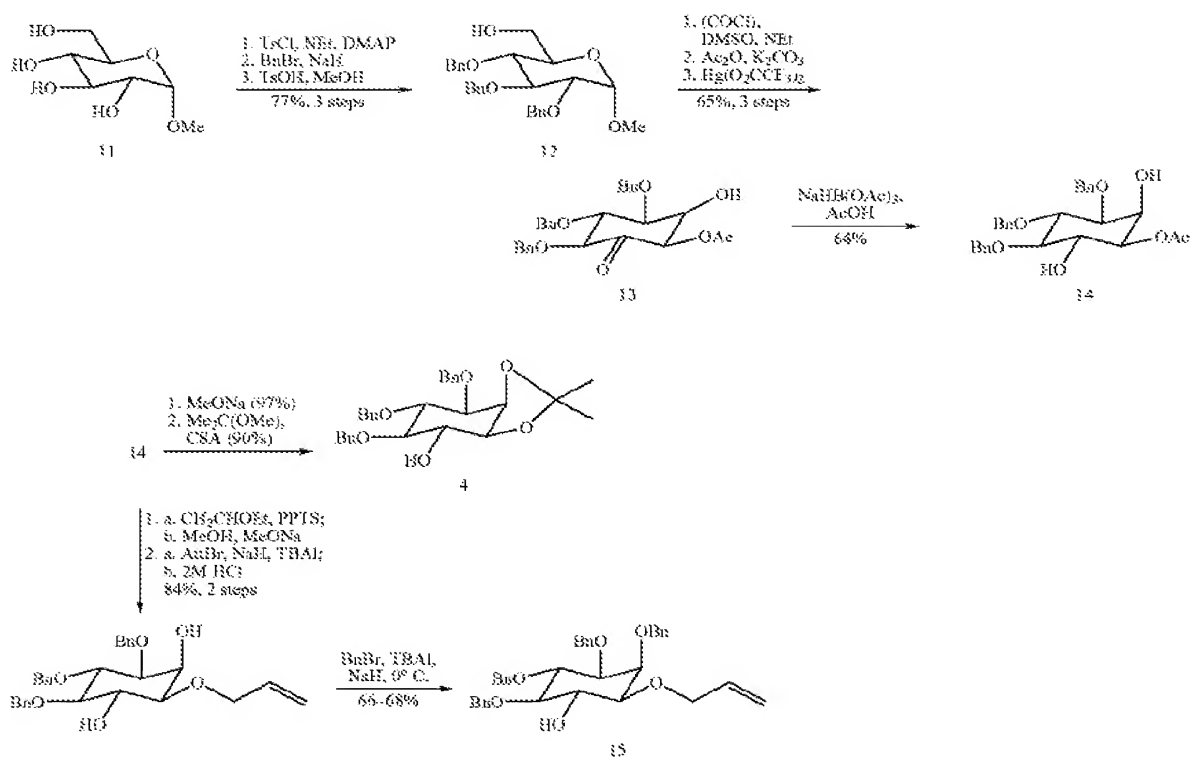
**NEW SHEET**

### Figure 8



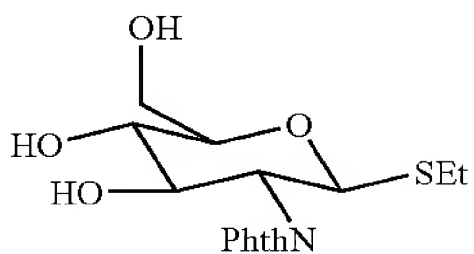
**NEW SHEET**

### Figure 9

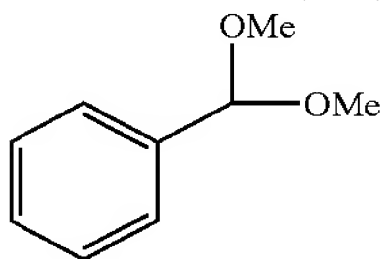


**NEW SHEET**

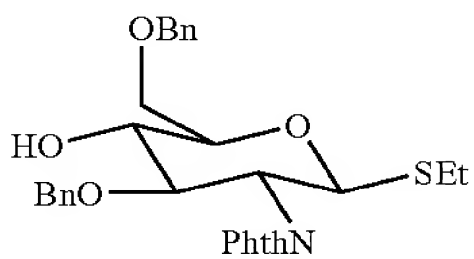
**Figure 10**



1. 16, HBF<sub>4</sub>, (65%)  
2. BnBr, NaH (84%)  
3. TES—H, TFA (71%)

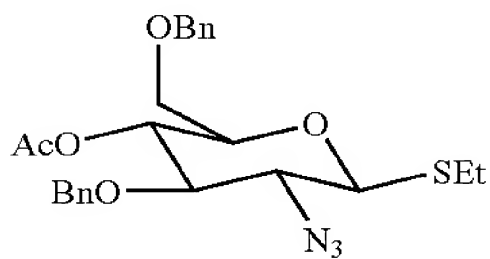


16



17

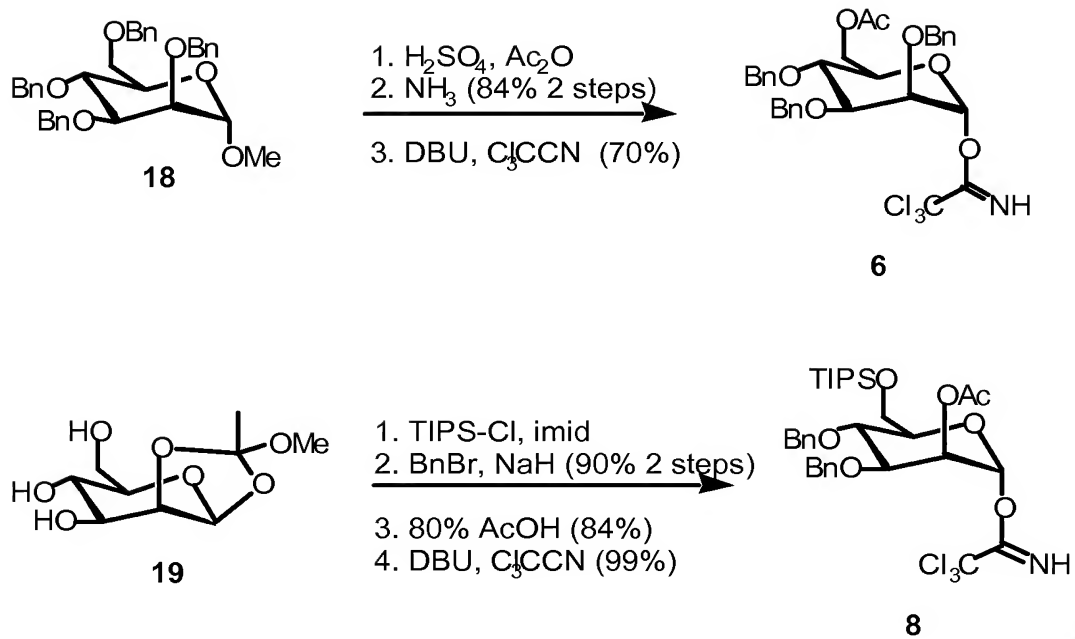
1. N<sub>2</sub>H<sub>4</sub>•H<sub>2</sub>O  
2. TfN<sub>3</sub>, DMAP  
3. Ac<sub>2</sub>O, DMAP (83% 3 steps)



5

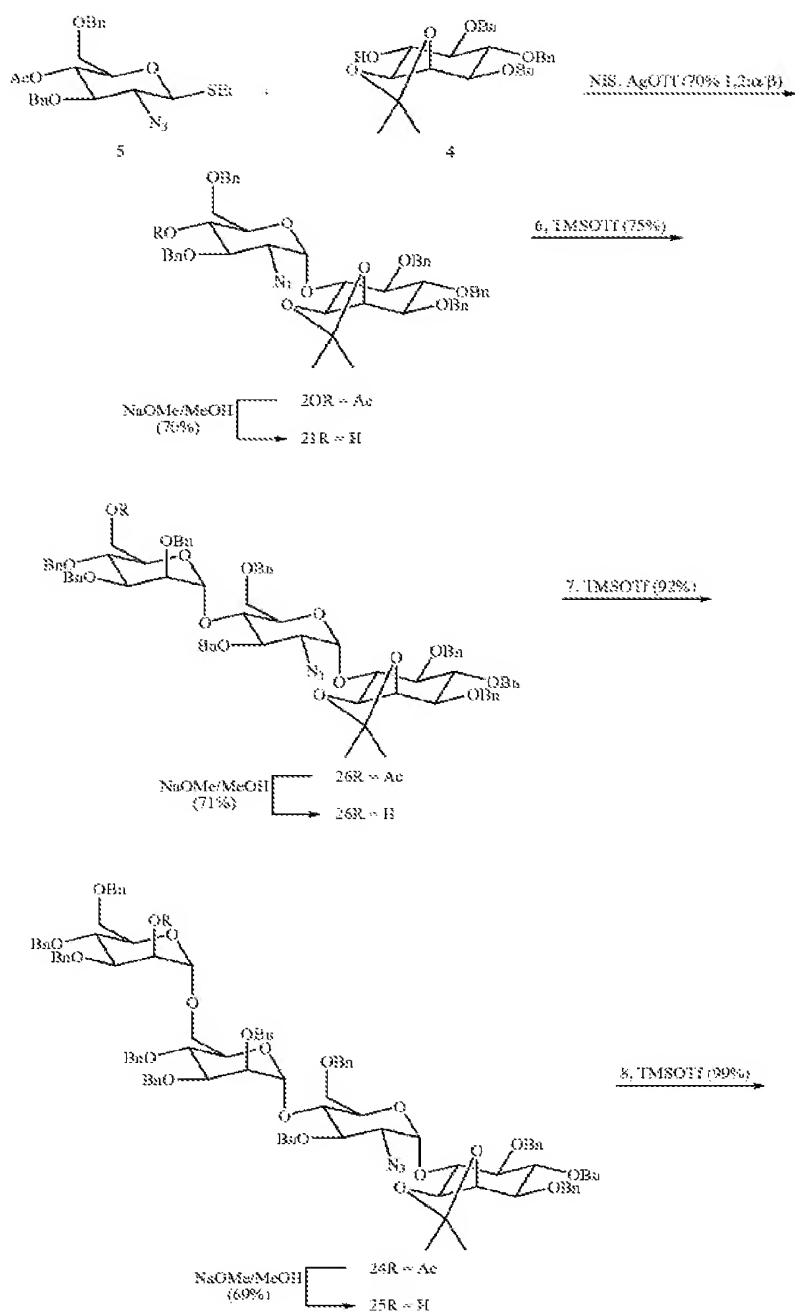
**NEW SHEET**

**Figure 11**



# **NEW SHEET**

**Figure 12A**

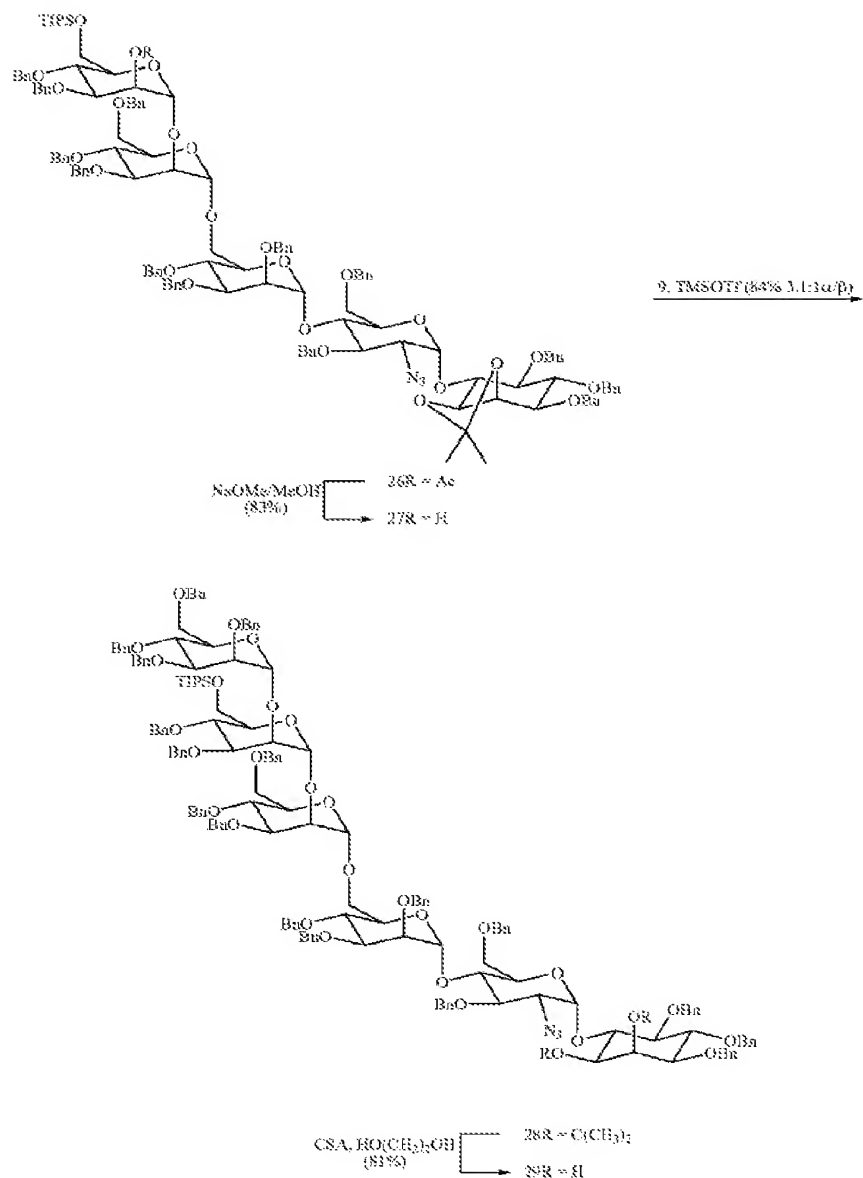


(continued in Figure 12B)

**NEW SHEET**

**Figure 12B**

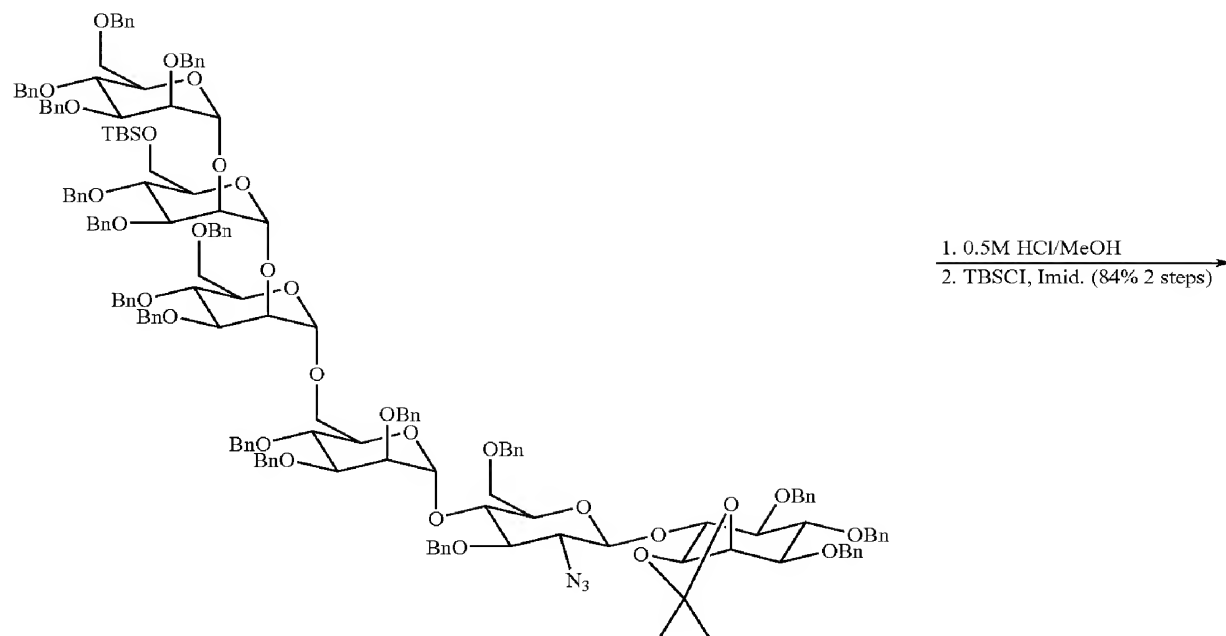
(continued from Figure 12A)



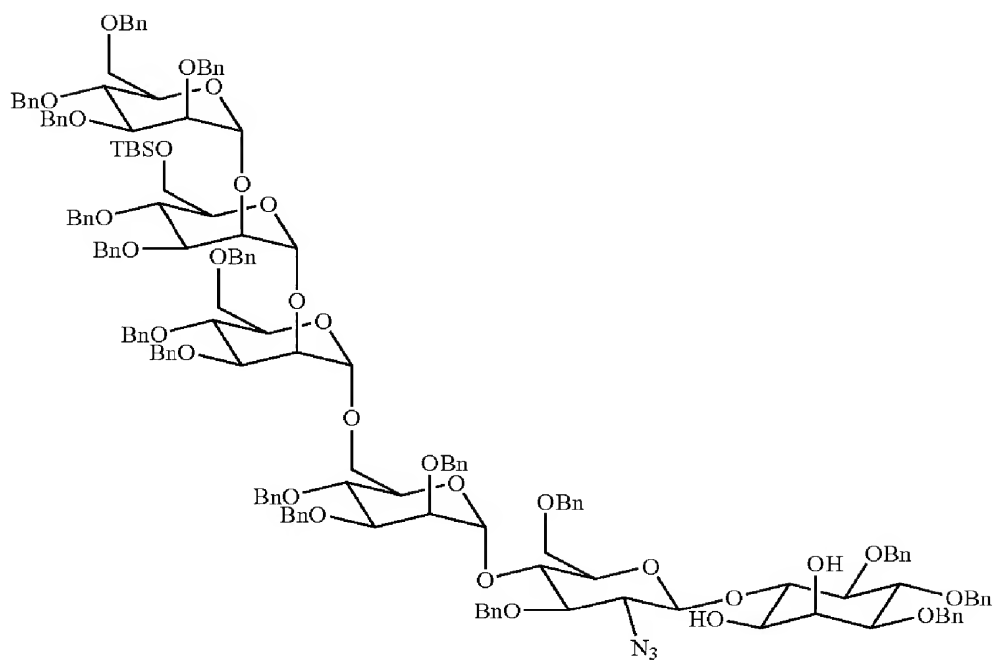


**NEW SHEET**

**Figure 13**

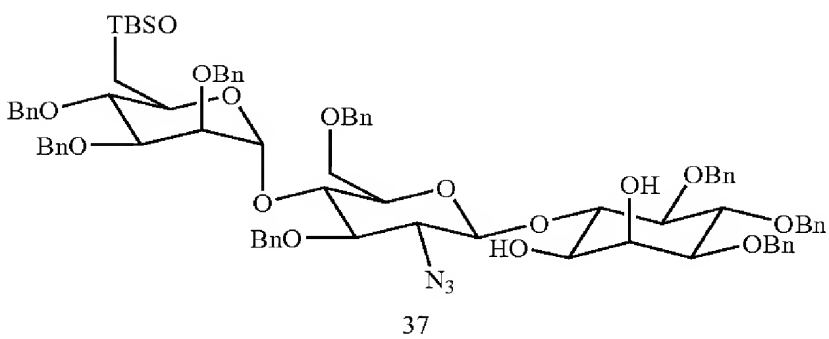
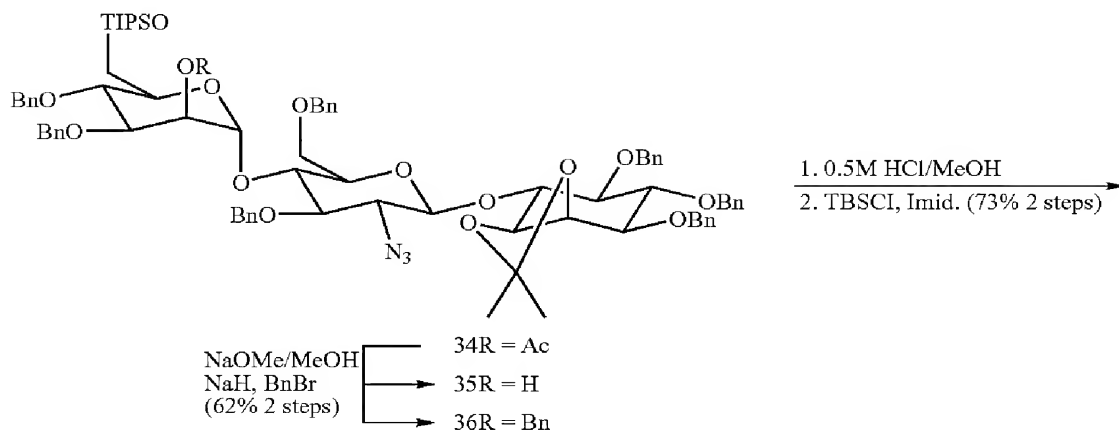
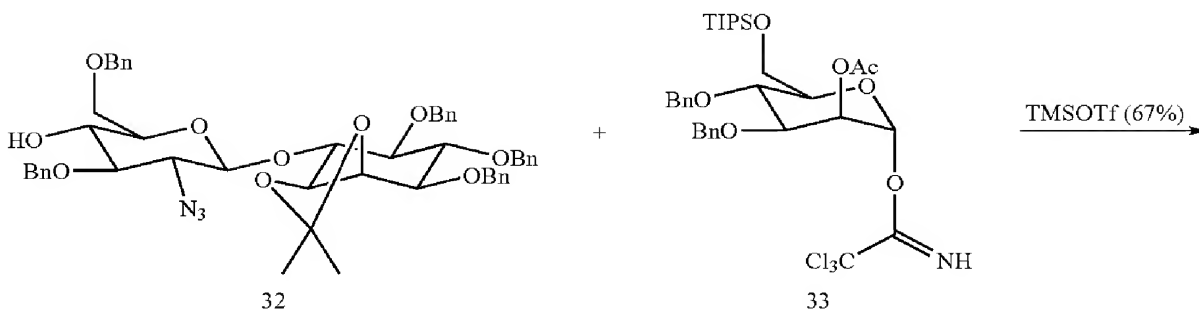


30



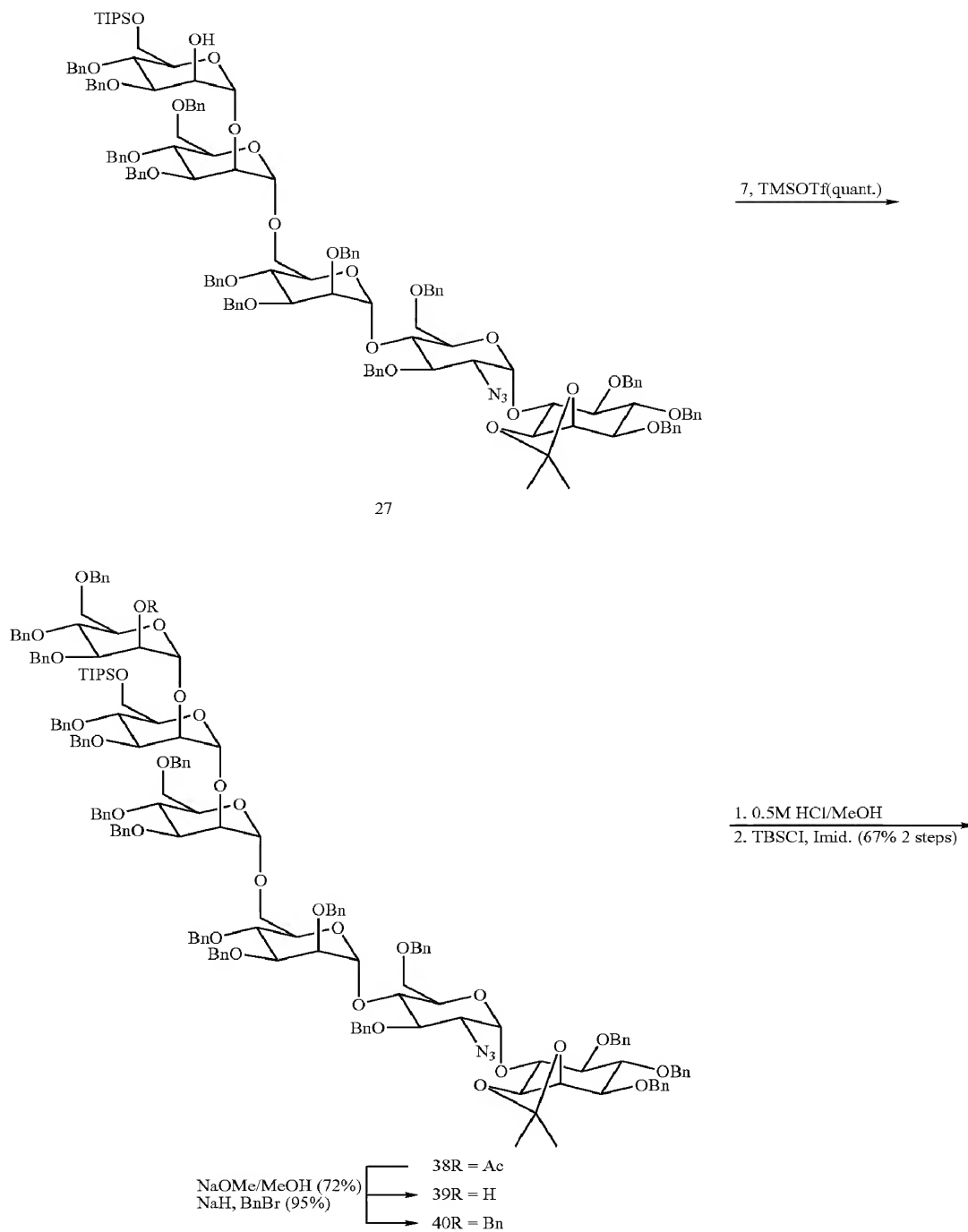
# NEW SHEET

**Figure 14**



# NEW SHEET

**Figure 15A**

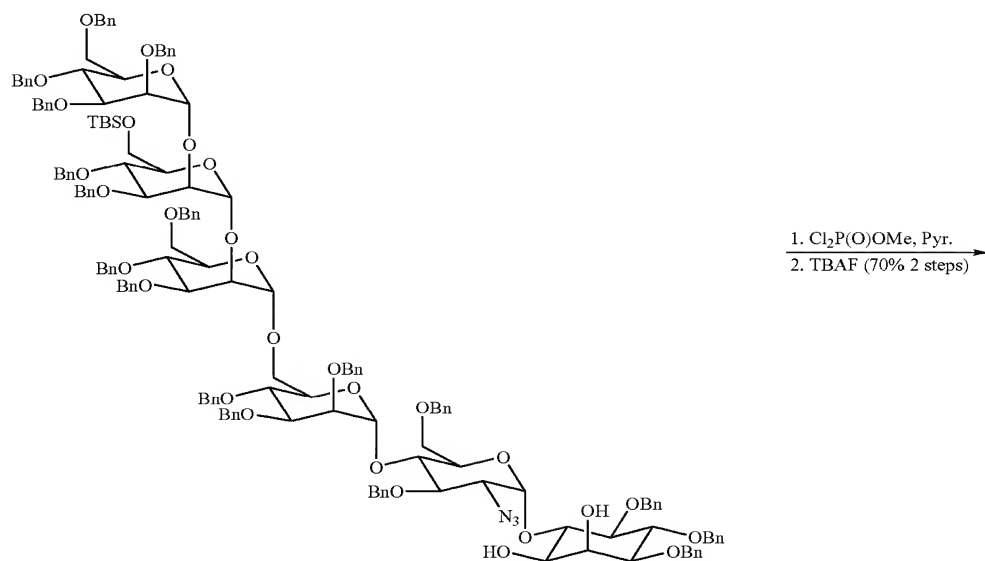


(continued in Figure 15B)

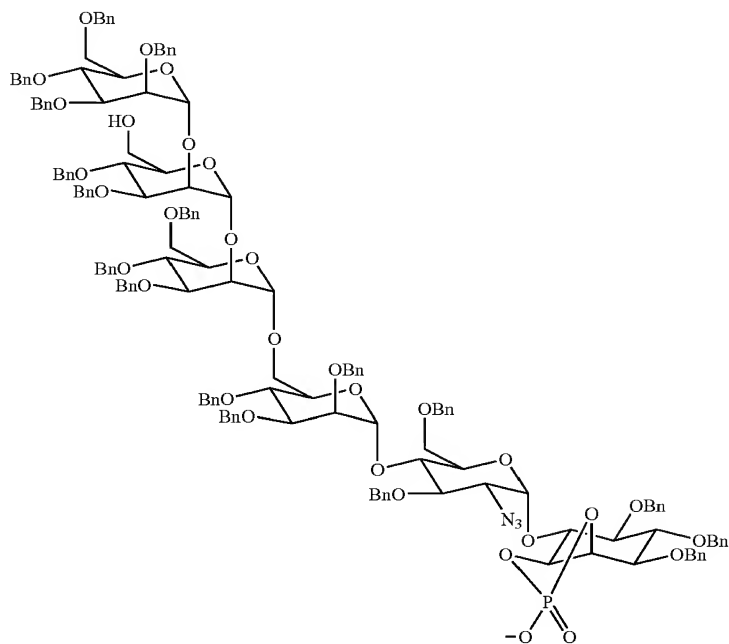
**NEW SHEET**

**Figure 15B**

(continued from Figure 15A)

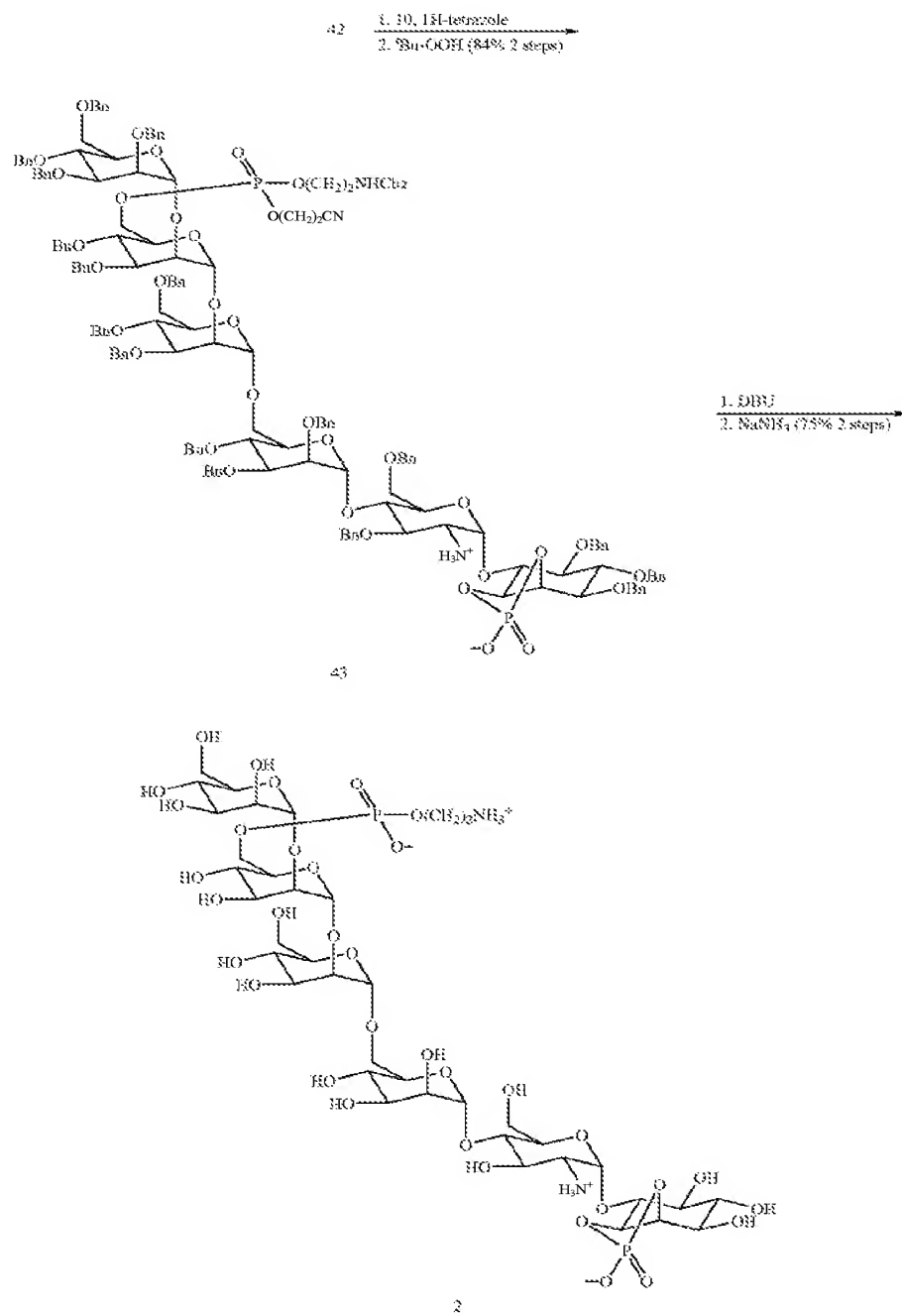


41



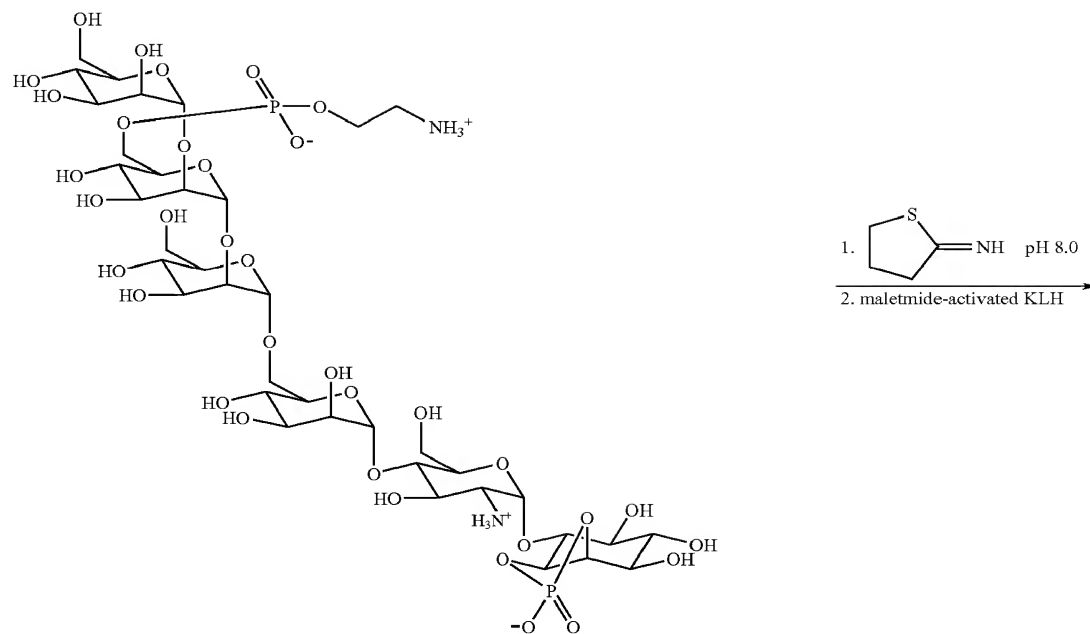
# **NEW SHEET**

**Figure 16**

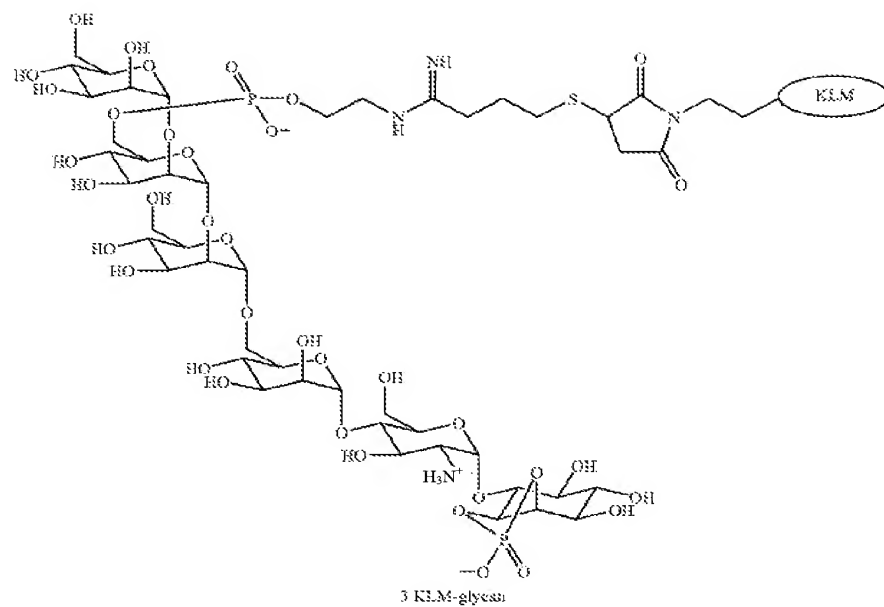


# NEW SHEET

**Figure 17**

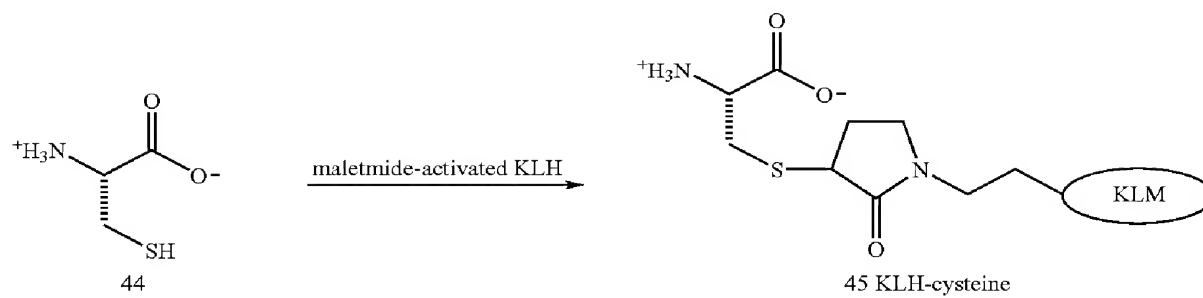


2



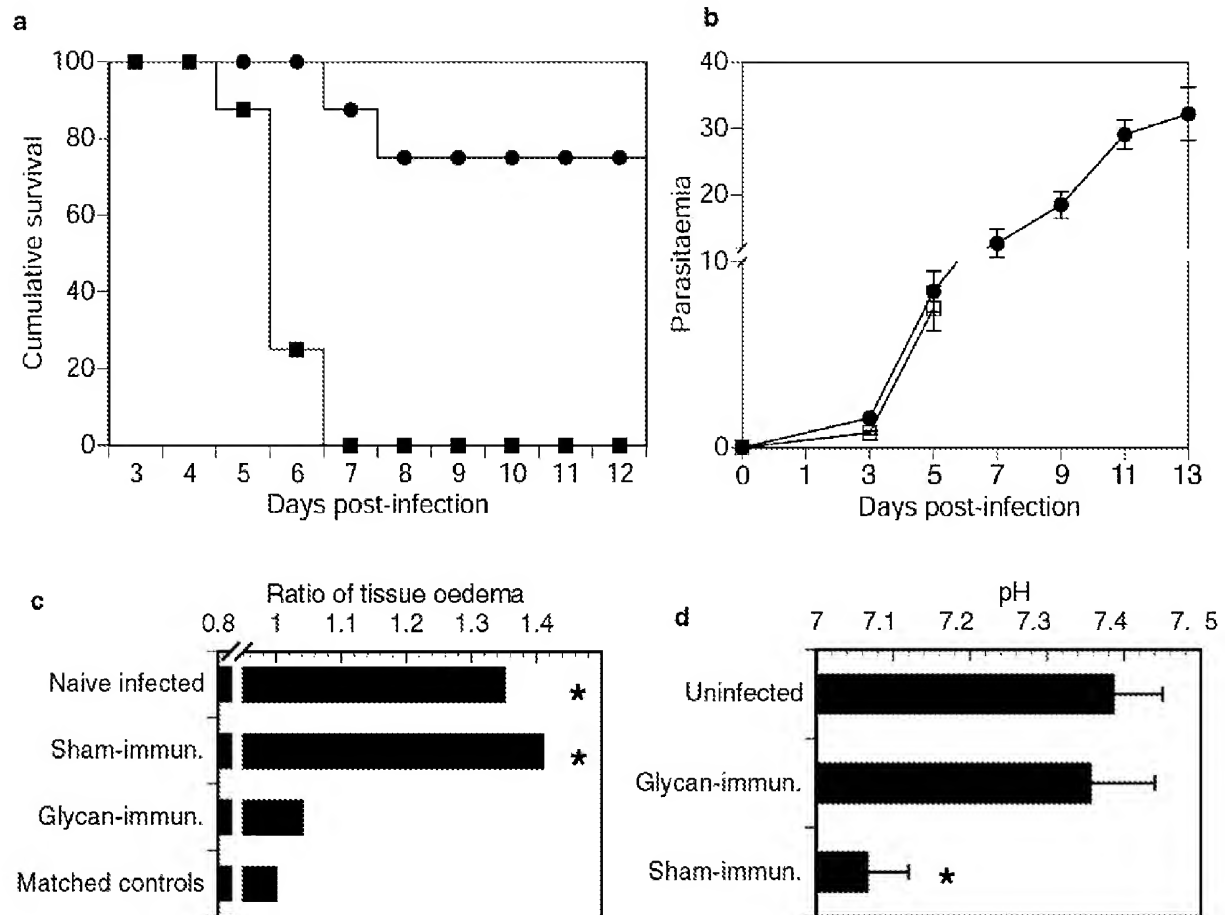
**NEW SHEET**

**Figure 18**



# NEW SHEET

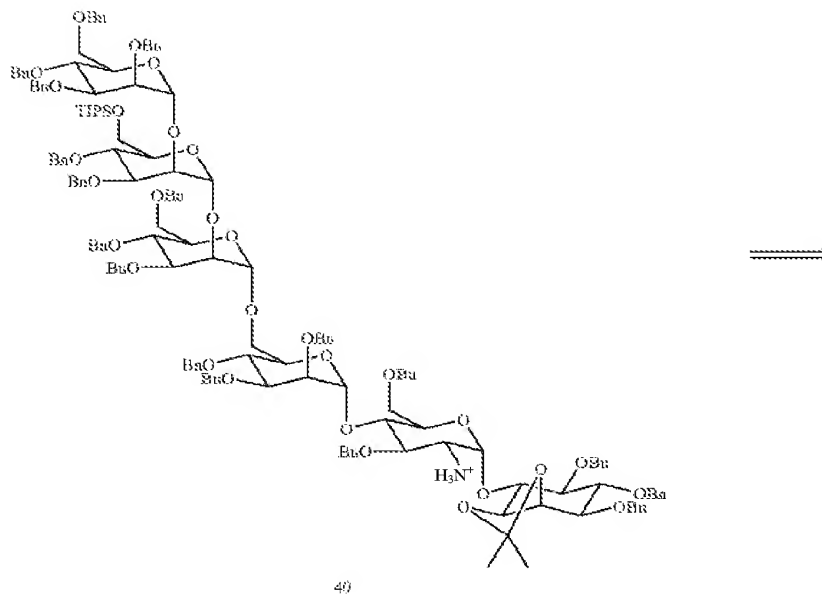
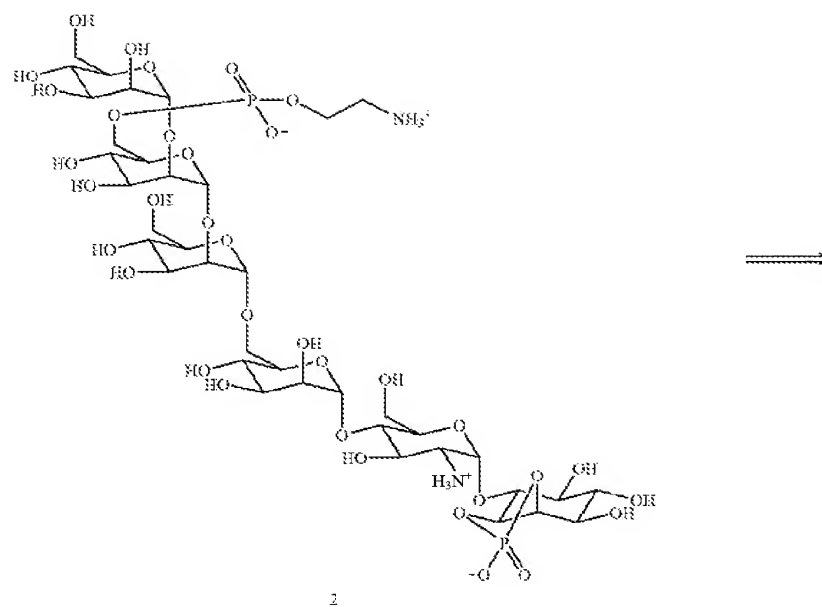
**Figure 19**





**NEW SHEET**

**Figure 20A**

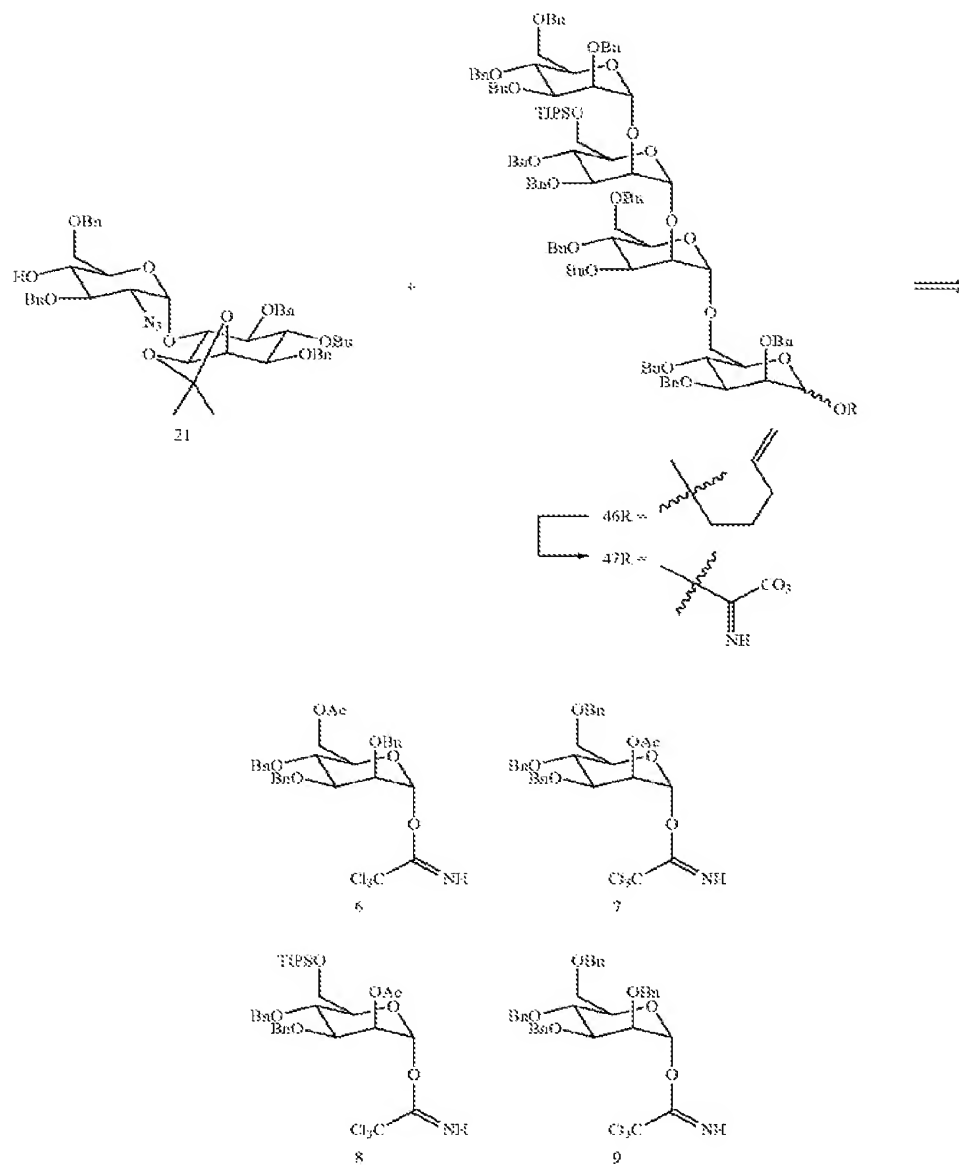


(continued in Figure 20B)

## NEW SHEET

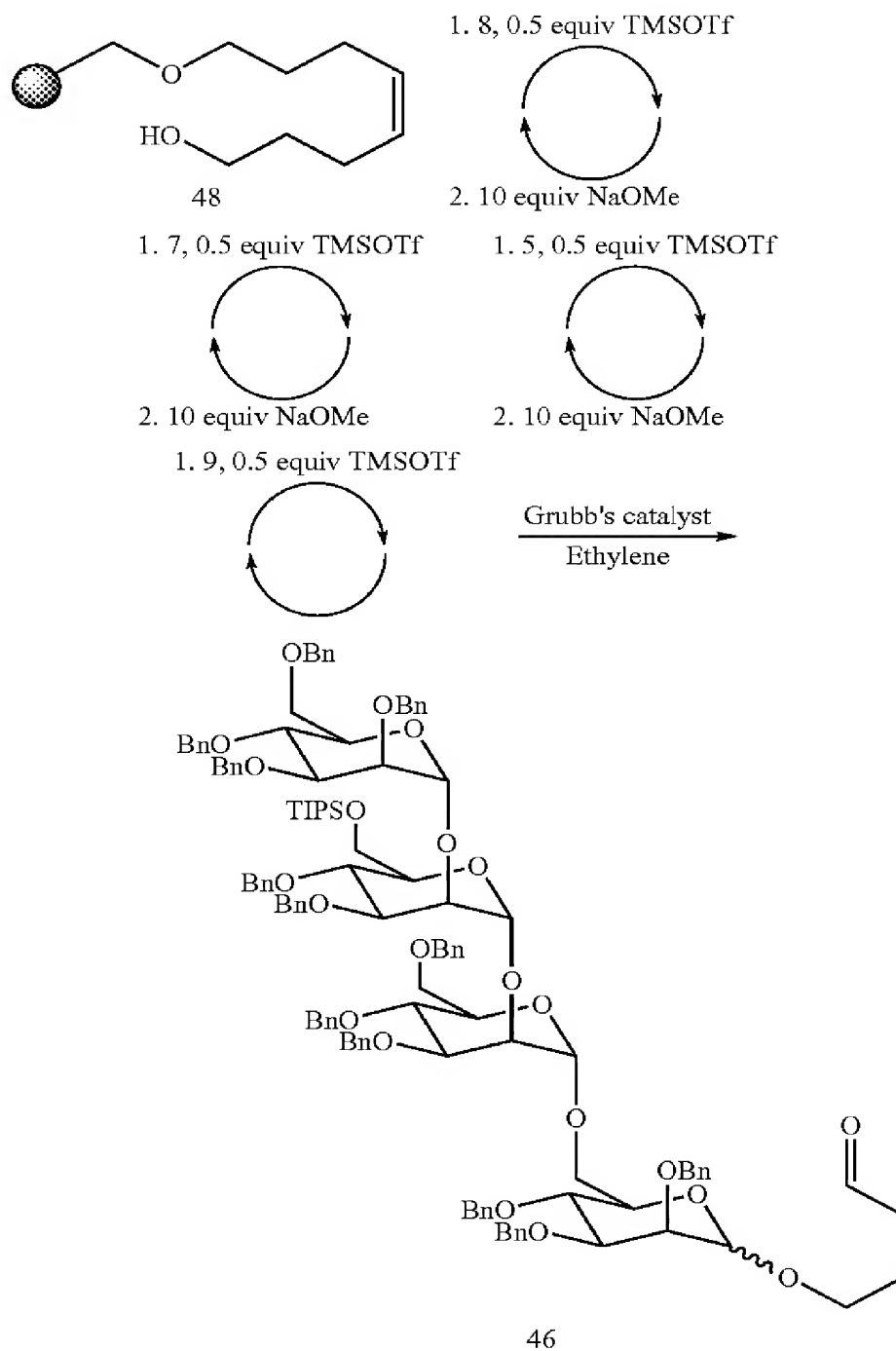
**Figure 20 B**

(continued from Figure 20A)



# NEW SHEET

Figure 21



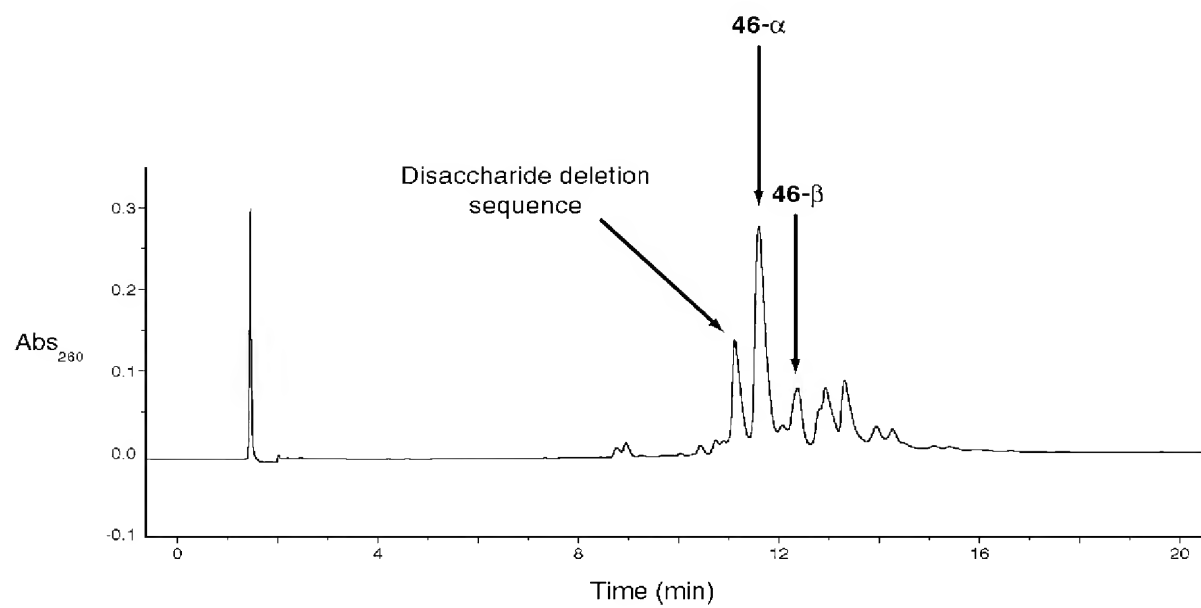
**NEW SHEET**

**Figure 22**

Function	Reagent	Time (min)
Glycosylation	5 equiv. donor and 5 equiv. TMSOTf	20
Wash	Dichloromethane	9
Glycosylation	5 equiv. donor and 5 equiv. TMSOTf	20
Wash	Dichloromethane	9
Deprotection	2 × 10 equiv. NaOMe	60
Wash	0.2 M AcOH/0.2 M MeOH/THF	9
Wash	Tetrahydrofuran	9
Wash	Dichloromethane	9

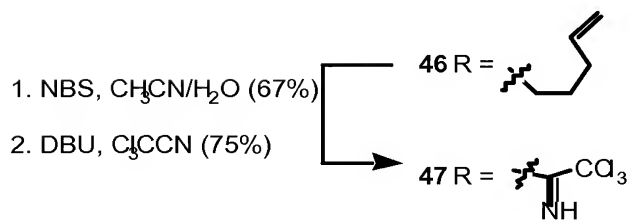
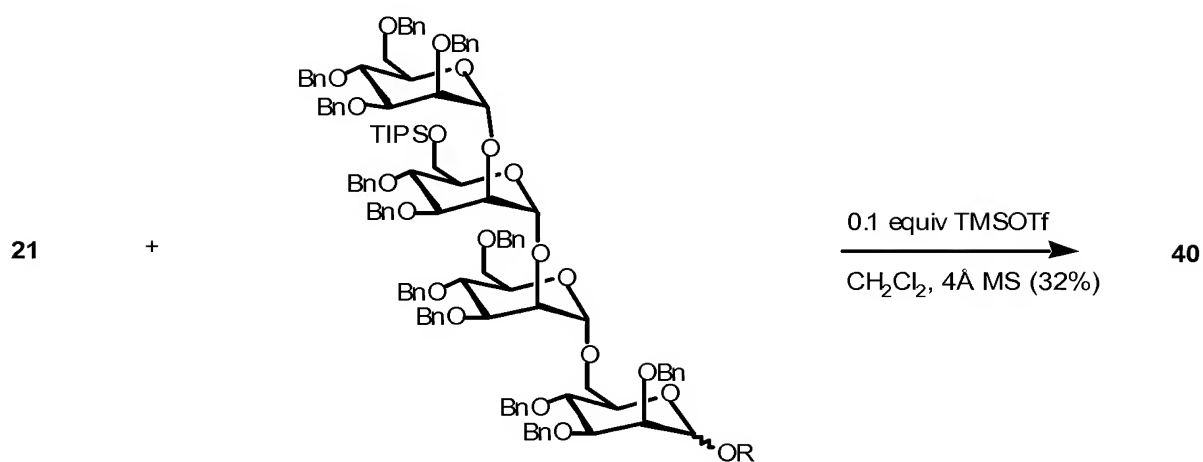
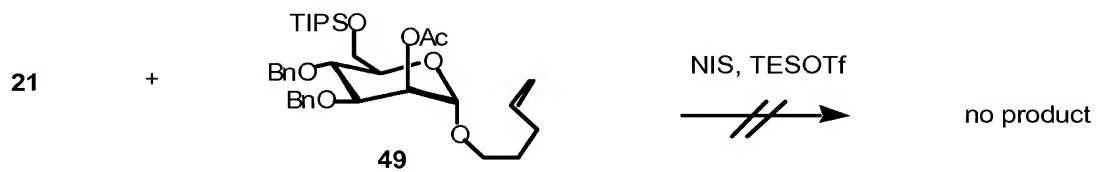
**NEW SHEET**

**Figure 23**



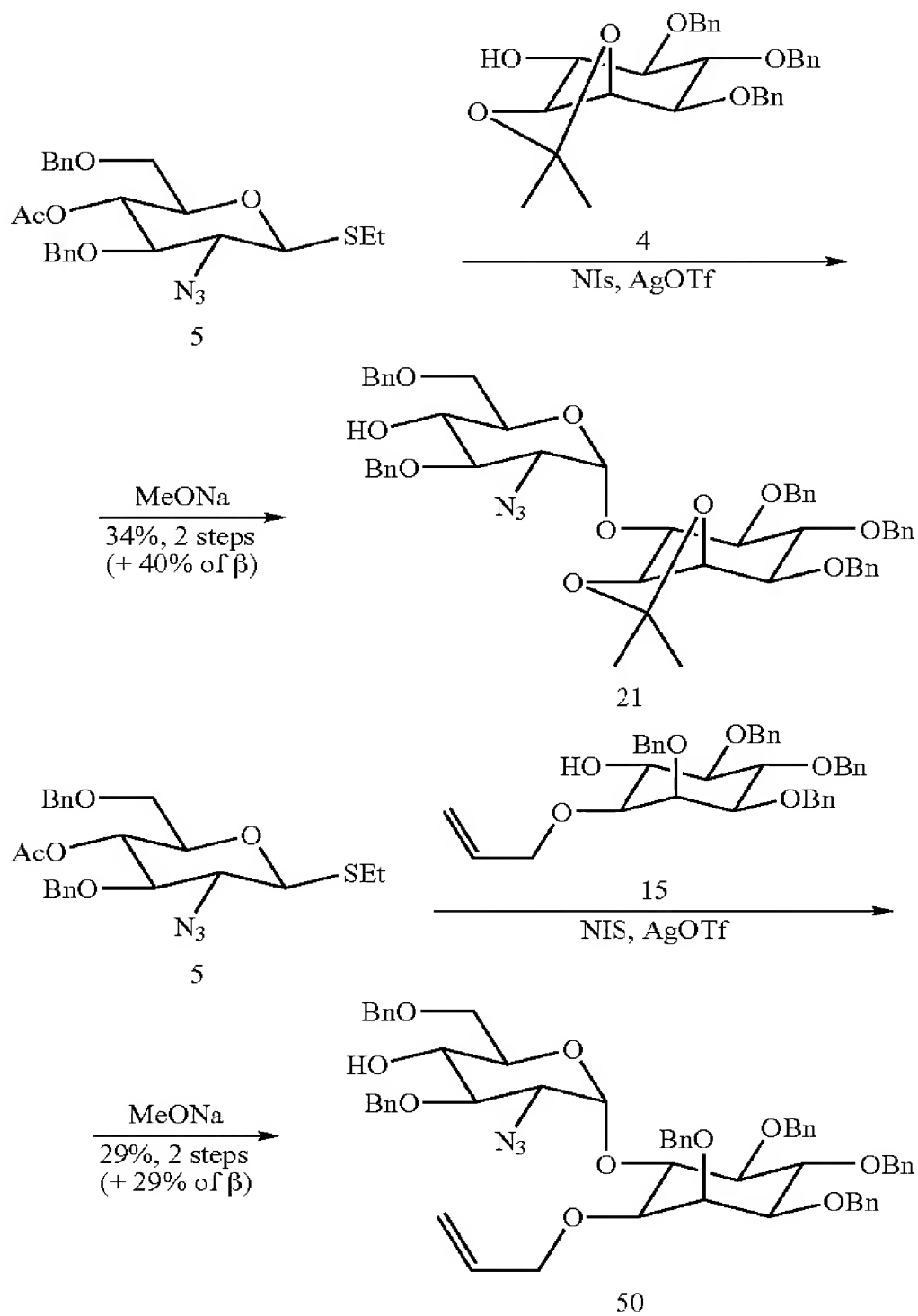
**NEW SHEET**

**Figure 24**



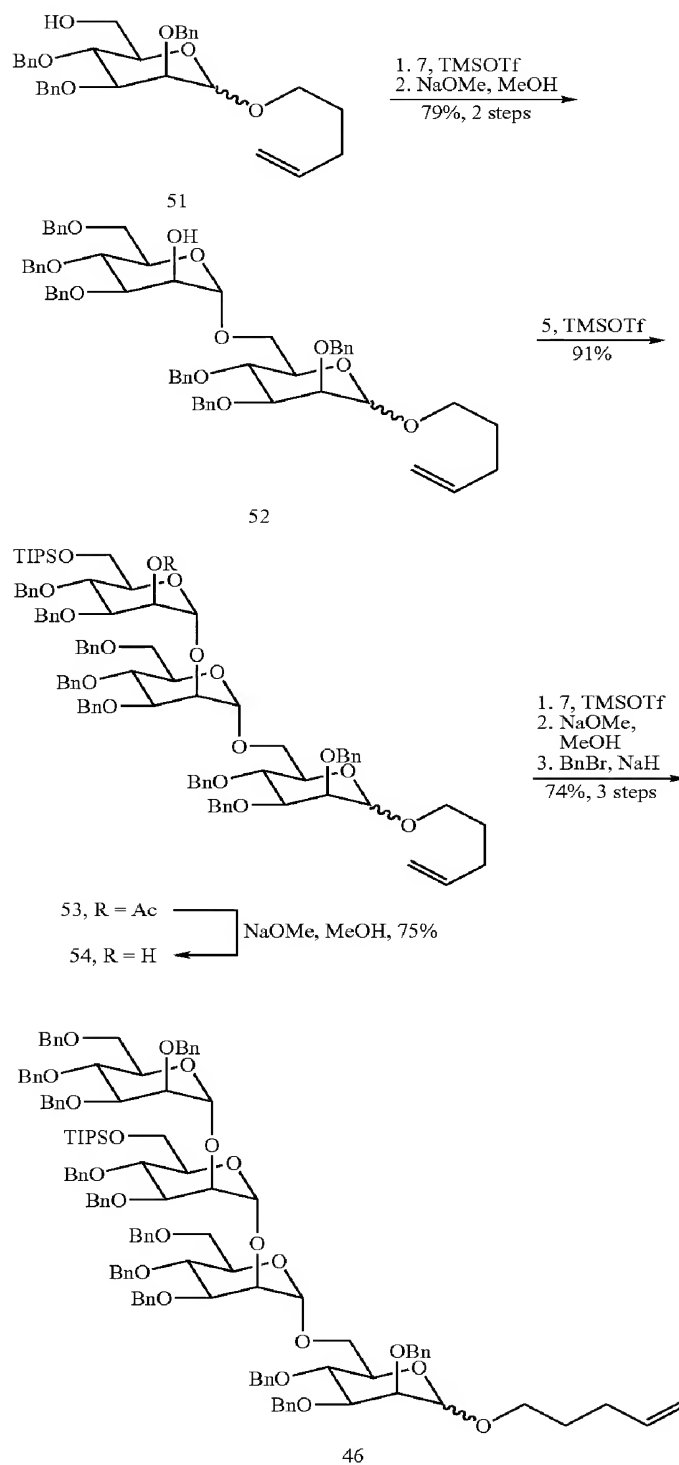
**NEW SHEET**

**Figure 25**



# NEW SHEET

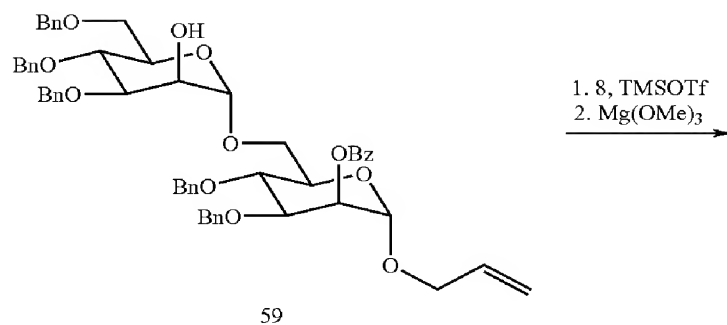
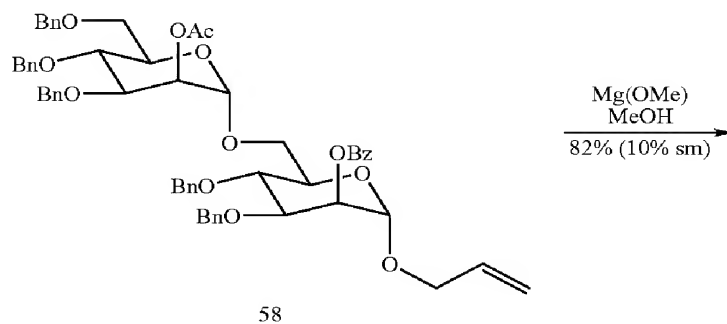
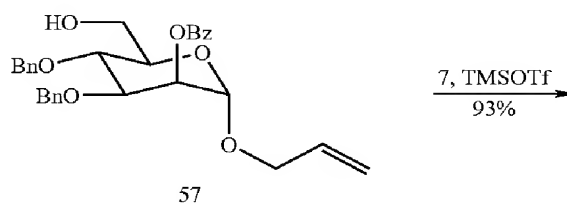
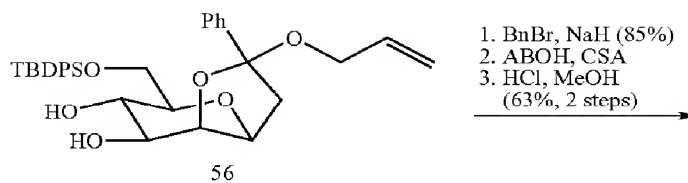
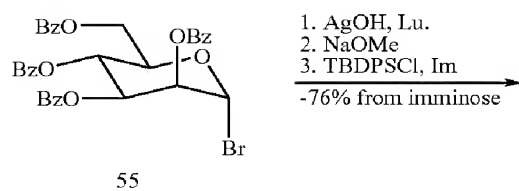
Figure 26





# NEW SHEET

Figure 27A

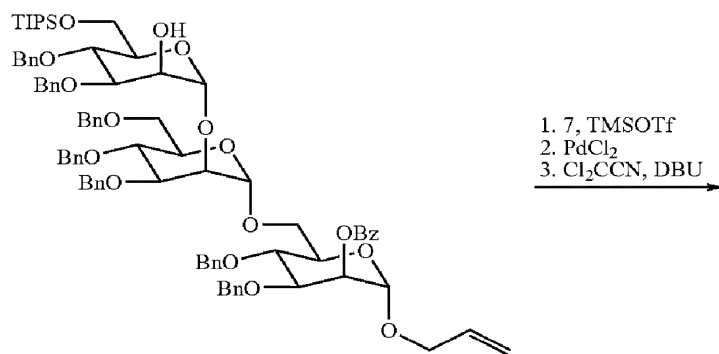


(continued in Figure 27B)

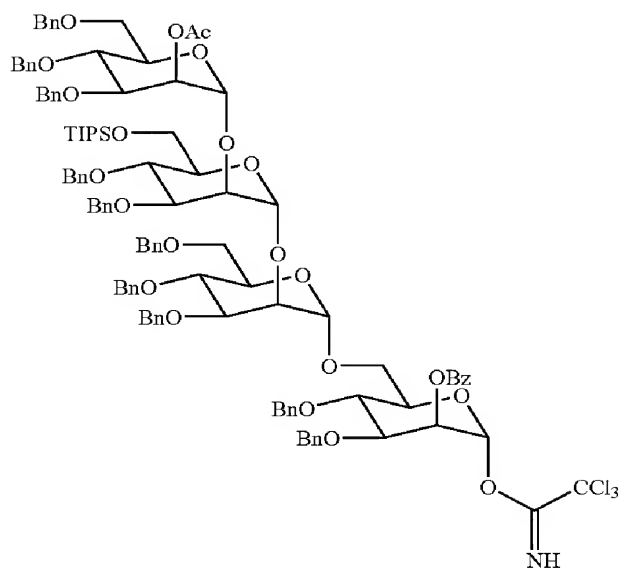
**NEW SHEET**

**Figure 27B**

(continued from Figure 27A)



60



61